

# LATEX DR 843

## DATA SHEET

Elastic latex grout for interiors and exteriors



Interior/Exterior



Interior/exterior flooring



In pools



Plastic containers

## Advantages

- Increases water repellency
- Increases abrasion resistance
- Improves mechanical characteristics

## Composition

LATEX DR 843 is an aqueous emulsion of a polymer featuring high binding capacity; the film that forms is stable to saponification and weather resistant.

LATEX DR 843 is used instead of water in the mix, in combination with FASSAFILL SMALL, FASSAFILL MEDIUM and FASSAFILL LARGE cement grouts, improving their mechanical strength, abrasion resistance and waterproofing.

## Supply

- Buckets of 5 kg

## Use

Mixing LATEX DR 843 with FASSAFILL SMALL, FASSAFILL MEDIUM and FASSAFILL LARGE gives a sealing mortar with high mechanical strength and abrasion resistance, guaranteeing excellent water-tightness of the joints. The product is used for sealing coverings in heavy traffic areas, where there is high mechanical stress and wear, in swimming pools and tubs.

## Substrate preparation

Before grouting the joints, check that the covering has been laid in compliance with the application instructions and the regulations in force, and that all of the tiles are firmly bonded to the substrate.

Also make sure that the bedding mortar or adhesive used for bonding the covering is well cured, sufficiently hardened and dry, and that the specified waiting times have been complied with. This prevents residual rising damp, which can cause surface salt efflorescence and variations in colour of the grout.

The joints and the finish covering (ceramic, marble, etc.) must be cleaned beforehand to remove any adhesive residues, dust and loose parts, which must be carefully vacuumed up; in addition, the joints must be empty and free for at least 2/3 of the thickness of the tiles (or the entire thickness for thin tiles).

In very hot periods and with absorbent tiles, moisten the joints beforehand, avoiding pools of water.

## Mixing

Use LATEX DR 843 in place of the mixing water, using the same quantity as shown on the grout's packaging. Mix by hand or mechanical stirrer at low speed until obtaining a uniform and smooth mixture. Then wait for 5 minutes before applying. Mix again and completely fill the joints using a rubber trowel or scraper. The mix remains workable for about 40 minutes.

Start cleaning only when the grout has thickened and appears opaque on the surface (this occurs after a time that varies, depending on the porosity of the substrate, the thickness and the type of tile, and ambient conditions). Cleaning must be carried out as described on the datasheets for each grout.

## Warnings

- Product for professional use.
- Read the safety datasheet before use.
- Read the technical and safety datasheet for each grout before use.
- It is recommended to carry out a preliminary grouting test, for best aesthetic results; to avoid differences in joint colour, it is recommended to use the same mixing time and latex dosages in the different mixes. The colour may differ slightly from what is shown on the colour chart.
- The fresh sealant must be protected against direct sunlight, rain and frost for at least 24 hours.
- Comply with standards in force.

**LATEX DR 843 it must be used in its original state without the addition of foreign materials.**

## Storage

Protect from frost. If stored in a suitable environment, in its original packaging, the material has a shelf life of 12 months. Once the product has expired, it must be disposed of in accordance with current legislation.

## Quality

LATEX DR 843 is subjected to accurate and constant checks in our laboratories. The raw materials used are rigorously selected and controlled.

## Technical Data

Appearance	white liquid
Specific weight	approx. 1.01 kg/l
Solid content	approx. 10%
pH	approx. 8.5

## Characteristics and application conditions

Specifications	FASSAFILL SMALL + LATEX DR 843	FASSAFILL MEDIUM + LATEX DR 843	FASSAFILL LARGE+ LATEX DR 843
Quantity added	24-26%	18-20%	18-20%
Maturing time	approx. 5 minutes	approx. 5 minutes	approx. 5 minutes
Specific weight of the wet mortar	approx. 1,750 kg/m <sup>3</sup>	approx. 1,750 kg/m <sup>3</sup>	approx. 1,800 kg/m <sup>3</sup>
pH	> 12	> 12	> 12
Duration of the mix at +20°C	approx. 40 minutes	approx. 40 minutes	approx. 40 minutes
Application temperature	from +5°C to +35°C	from +5°C to +35°C	from +5°C to +35°C
Walkability	approx. 24 hours	approx. 24 hours	approx. 24 hours
Ready for normal use	7-14 days	7-14 days	7-14 days
Classification	COMPLIANT WITH STANDARD EN 13888, CLASS CG2 WA		

The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must check that the product is suitable for the intended application, taking all responsibility for its use. Fassa reserves the right to make technical modifications without notice.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". If necessary, contact Technical Service in your country of reference (IT: [area.tecnica@fassabortolo.com](mailto:area.tecnica@fassabortolo.com), ES: [asistencia.tecnica@fassabortolo.com](mailto:asistencia.tecnica@fassabortolo.com), PT: [asistencia.tecnica@fassabortolo.com](mailto:asistencia.tecnica@fassabortolo.com), FR: [bureau.technique@fassabortolo.fr](mailto:bureau.technique@fassabortolo.fr), UK: [technical.assistance@fassabortolo.com](mailto:technical.assistance@fassabortolo.com)).

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.